This is a beautiful course after calculus track that will show you a part of the theory about linearity. You will be amazed by the mathematics and concepts of the topics. We won't be restricted to computations, instead we'll touch some proof based mathematical analysis.

Instructor:	Dr. Betul Orcan-Ekmekci	**Time:**	2:00 PM - 2:50 PM MWF
Office:	440 Herman Brown	**Classroom:**	HRZ 210
Email:	orcan@rice.edu	**Office Hours:**	Thursdays 1-3 PM

Recitations: TBA

Text: D. Lay, S. Lay, & J. McDonald. Linear Algebra and its applications(5th Edition). Pearson. First 7 chapters of the book will be covered.

Homework: Every week I will assign 6-8 problems from the textbook that you have to hand in on **Fridays at the beginning of lecture**. The first such set of problems will be due on **Friday, September 6th**. They will be graded and returned to you a week after you hand them in.

The homework is not pledged and you can collaborate with other students in the class.

Late homework assignments will not be accepted for ANY reason – instead, the lowest HW grade will be dropped.

The "no late homework "policy is iron clad. There will be roughly 13 assignments. These numbers mean that the only fair policy on late homework is as above.

Exams: There will be two midterm tests during the semester. They will take place on **Thursday, October 3rd, 7-9pm** and on **Tuesday, November 12th, 7-9pm**.

Final exam: The date for the final exam is not available at this time. It is the policy of the Mathematics Department that no final may be given early to accommodate student travel plans. If you make travel plans that later turn out to conflict with the scheduled exam, then it is your responsibility to either reschedule your travel plans or take a zero in the final.

Books, notes, and calculators will **not** be allowed on exams. Make-up exams will be allowed only in the case of a documented medical emergency. If an exam conflicts with a holiday you observe, please let me know before the end of the first week of classes.

Grades: Your homework will count as 16% of your final grade.

- 24% Midterm I, 24% Midterm II, 36% Final.

Expectations: I expect you to attend every class and to arrive on time. Please, Do NOT COME to class to take notes, instead come to class something to learn:) In every class, challenge yourself with new topics, think and burn out your brain in very step (This phase is from my #2 son, Ahmet:), whenever he does some math, he tells me "my brain burns out", or when he achieves something, he tells "I use my brain"). Please, come to class to "Use your Brain:)". It is your responsibility to keep informed of any announcements, syllabus adjustments, or policy changes made during scheduled classes. Not all announcements will be posted on the website.

Disability Support: Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All such discussions will remain as confidential as possible. Students with disabilities will need to also contact Disability Support Services in the Allen Center.